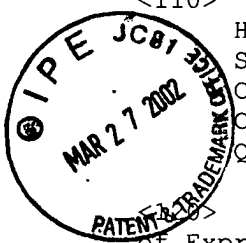


SEQUENCE LISTING

#11



<110> Hilbush, Brian S  
 Hasel, Karl W  
 Sutcliffe, J. Gregor  
 Chang, Hwai Wen  
 Callahan, Marie A  
 Quan, Jeanette

<130> Simplified Method for Indexing and Determining the Relative Concentration  
 of Expressed Messenger RNAs

<130> 98-430

<150> PCT/US99/23655

<151> 1999-10-14

<150> US 09/186,869

<151> 1998-11-04

<160> 41

<170> PatentIn version 3.1

<210> 1

<211> 79

<212> DNA

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 primer)

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<223> Base 1 is a biotinylated adenosine residue

<220>

<221> misc\_feature

<222> (77)..(77)

<223> V stands for A, C or G

<220>

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<222> (78)..(79)

<223> N stands for A, C, G or T

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tttttttttt ttttttvnn 79

<210> 2

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<211> 68  
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<220>

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<220>

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<222> (66)..(66)

<223> V stands for A, C or G

<220>

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<223> N stands for A, C, G or T

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<220>

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<220>

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<223> V stands for A, C or G

<220>

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<223> N stands for A, C, G or T

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gaattcaact ggaagcggcc gcaggaagag ctccaccgcg gtagtactca ctgcagtttt 60  
tttttttttt ttttvnn 77

<210> 4  
<211> 48  
<212> DNA  
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<220>  
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<223> V stands for A, C or G

<220>  
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<223> N stands for A, C, G or T

<400> 4  
gaattcaact ggaagcggcc gcaggaattt tttttttttt ttttvnn 48

<210> 5  
<211> 15  
<212> DNA  
<213> Artificial Sequence

<220>  
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<400> 5  
gagctccacc gcggt 15

<210> 6  
<211> 16  
<212> DNA  
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<220>  
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<400> 6

gagctcgttt tcccag

16

<210> 7  
<211> 65  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: one strand of double stranded adapter

<400> 7  
atgaattcgg taccaattaa ccctcactaa agggacagct tatcatcgct cgagctcgac 60  
ggtat 65

<210> 8  
<211> 67  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: other strand of double stranded adapter

<400> 8  
cgataccgtc gagctcgagc gatgataagc tgtcccttta gtgagggtta attggtaccg 60  
aattcat 67

<210> 9  
<211> 52  
<212> DNA  
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<220>  
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<220>  
<221> misc\_feature  
<223> Base 1 is a phosphorylated cytosine residue.

<400> 9  
cgataccgtc gacctcgagg tccctttagt gagggttaat tggtaccgaa tt 52

<210> 10  
<211> 50  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 02 (sense strand), double stranded adapter

<400> 10  
aattcggtac caattaaccc tcactaaagg gacctcgagg tcgacggtat 50

<210> 11  
<211> 56  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: One strand of double stranded adapter

<220>  
<221> misc\_feature  
<223> Base 1 is a phosphorylated guanosine residue

<400> 11  
gatcctcacc acagagcttc gaggtccctt tagtgagggt taattggtac cgaatt 56

<210> 12  
<211> 52  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: One strand of double stranded adapter

<400> 12  
aattcggtac caattaaccc tcactaaagg gacctcgaag ctctgtggtg ag 52

<210> 13  
<211> 52  
<212> DNA  
<213> Artificial Sequence

<220>  
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<220>  
<221> misc\_feature  
<223> Base 1 is a phosphorylated cytosine residue

<400> 13  
ctcaccacag agcttcgagg tccctttagt gagggttaat tggtaccgaa tt 52

<210> 14

<211> 56  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: one strand of double stranded adapter

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<210> 15  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Reverse transcriptase (RT) M  
No primer

<400> 15  
cagtctgagc tccaccgcgg t 21

<210> 16  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>

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primer)

<220>

<221> misc\_feature  
<222> (21)..(21)  
<223> N stands for A, C, G or T

<400> 16  
ctcgagctcg acggtatcgg n 21

<210> 17  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic primer (5' PCR N1  
primer)

<220>

<221> misc\_feature  
<222> (22)..(22)  
<223> N stands for A, C, G or T

<400> 17  
cctcgaggtc gacggtatcg gn 22

<210> 18  
<211> 16  
<212> DNA  
<213> Artificial Sequence

<220>  
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<220>  
<221> misc\_feature  
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<223> N stands for A, C, G or T

<400> 18  
cgacggtatc ggnnnn 16

<210> 19  
<211> 19  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic primer (5' PCR N1 primer)

<220>  
<221> misc\_feature  
<222> (19)..(19)  
<223> N stands for A, C, G or T

<400> 19  
agctctgtgg tgaggatcn 19

<210> 20  
<211> 20  
<212> DNA  
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<220>  
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<220>  
<221> misc\_feature  
<222> (17)..(20)  
<223> N stands for A, C, G or T

<400> 20  
ctctgtggtg aggatcnnnn 20

<210> 21  
<211> 19  
<212> DNA  
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<220>  
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<220>  
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<222> (19)..(19)  
<223> N stands for A, C, G or T

<400> 21  
agctctgtgg tgagcatgn 19

<210> 22  
<211> 20  
<212> DNA  
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<220>  
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<220>  
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<223> N stands for A, C, G or T

<400> 22  
ctctgtggtg agcatgnnnn 20

<210> 23  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic primer (5' PCR N1 primer)

<220>  
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<222> (22)..(22)  
<223> N stands for A, C, G or T



<400> 23  
cctcgagggtc gacggtatcg an 22

<210> 24  
<211> 23  
<212> DNA  
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<220>  
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<220>  
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<222> (20)..(23)  
<223> N stands for A, C, G or T

<400> 24  
tcgagggtcga cggtatcgan nnn 23

<210> 25  
<211> 30  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic primer (NF-KB extended primer)

<400> 25  
gatcgaatcc ggcccgcctg aatcattctc 30

<210> 26  
<211> 12  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: first stuffer segment of anchor primer

<400> 26  
agtactcact gc 12

<210> 27  
<211> 14  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: first stuffer segment of anchor primer

<400> 27  
agtactcact gcag 14

<210> 28  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: second stuffer segment of anchor primer

<400> 28  
gattgctacc tcagtct 17

<210> 29  
<211> 16  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic primer (5' PCR N4 primer)

<220>  
<221> misc\_feature  
<222> (16)..(16)  
<223> N stands for A, C, G or T

<400> 29  
gctcgacggt atcggn 16

<210> 30  
<211> 16  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: synthetic primer (5' PCR N2 primer)

<220>  
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<223> N stands for A, C, G or T

<400> 30  
ctcgacggta tcggnn 16

<210> 31  
<211> 16  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: synthetic primer (5' PCR N3 primer)

<220>  
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<223> N stands for A, C, G or T

<400> 31  
tcgacggtat cggnnn 16

<210> 32  
<211> 16  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: synthetic primer (5' PCR N5 primer)

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<221> misc\_feature  
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<223> N stands for A, C, G or T

<400> 32  
gacggtatcg gnnnnn 16

<210> 33  
<211> 16  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: synthetic primer (5' PCR N6 primer)

<220>  
<221> misc\_feature  
<222> (11)..(16)  
<223> N stands for A, C, G or T

<400> 33  
acggtatcgg nnnnnn 16

<210> 34  
<211> 16  
<212> DNA  
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<220>  
<223> Description of Artificial SEquence: synthetic primer (5' PCR N4 primer)

<220>  
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<222> (16)..(16)  
<223> N stands for A, C, G or T

<400> 34  
ggtcgacggt atcggn 16

<210> 35  
<211> 16  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artifical Sequence: synthetic primer (5' RT primer)

<400> 35  
aggtcgacgg tatcgg 16

<210> 36  
<211> 59  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Descripton of Artificial Sequence: synthetic primer (5' ds primer)

<400> 36  
tcccagtcac gacgttgtaa aacgacggct catatgaatt aggtgaccga cggatcgg 59

<210> 37  
<211> 46  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic primer (3' ds primer)

<400> 37  
cagcgataa caatttcaca caggagctc caccgcggtg gcggcc 46

<210> 38  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic primer (5' sequencing primer)

<400> 38  
cccagtcacg acgttgtaaa acg 23

<210> 39  
<211> 19  
<212> DNA  
<213> Artificial Sequence

<220>  
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<220>  
<221> misc\_feature  
<222> (19)..(19)  
<223> V stands for A, C or G

<400> 39  
tttttttttt ttttttttv 19

<210> 40  
<211> 35  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic primer (3' sequencing primer)

<400> 40  
ggtggcggcc gcaggaattt tttttttttt ttttt 35

<210> 41  
<211> 16  
<212> DNA  
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<220>  
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<220>

<221> misc\_feature  
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<223> N stands for A, C, G or T

• <400> 41  
gtcgacggta tcggnn